

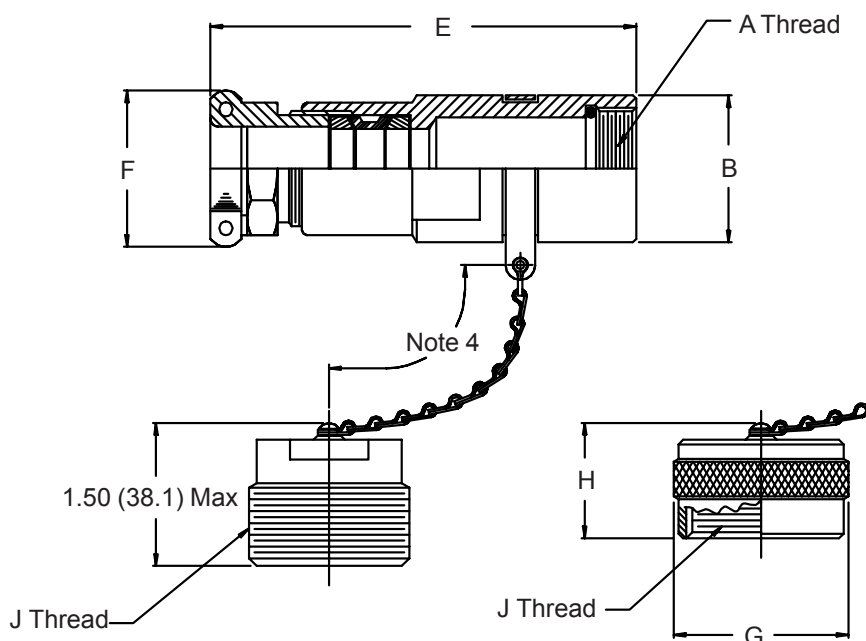


AS85049/5 Style 1 Environmental Backshells

Glenair Connector Designator C
MIL-C-22992 Classes C, J, and R

M85049/5 W 10 A 1

Basic Part No. _____
Body and Cap Finish _____
A = Anodize
W = 1,000 Hour Cadmium Olive Drab
Over Electroless Nickel
Style 1
Type (A or B)
Dash Number
(Table II)



TYPE A - Plug Cap
For use with MS17344

TYPE B - Receptacle Cap
For use with MS17343,
MS17345, and MS17347

TABLE I

Shell Size	A Thread Class 2B-LH	B Dia ±.015 (.4)	G Dia Max	H Max	J Thread (plated) Class 2 (A or B)
12	.7500 - 20 UNEF	.933 (23.7)	1.094 (27.8)	.765 (19.4)	0.875-0.1P-0.2L-DS
18	1.1250 - 18 UNEF	1.307 (33.2)	1.469 (37.3)	.980 (24.9)	1.250-0.1P-0.2L-DS
20	1.2500 - 18 UNEF	1.433 (36.4)	1.562 (39.7)	.980 (24.9)	1.375-0.1P-0.2L-DS
22	1.3750 - 18 UNEF	1.557 (39.5)	1.688 (42.9)	.980 (24.9)	1.500-0.1P-0.2L-DS
24	1.6250 - 18 UNEF	1.807 (45.9)	1.938 (49.2)	.980 (24.9)	1.750-0.1P-0.2L-DS
28	1.8750 - 16 UN	2.057 (52.2)	2.219 (56.4)	.980 (24.9)	2.000-0.1P-0.2L-DS
32	2.0625 - 16 UNS	2.307 (58.6)	2.469 (62.7)	.980 (24.9)	2.250-0.1P-0.2L-DS
36	2.3125 - 16 UNS	2.557 (64.9)	2.719 (69.1)	.980 (24.9)	2.500-0.1P-0.2L-DS
40	2.6250 - 16 UN	2.870 (72.9)	2.969 (75.4)	.980 (24.9)	2.750-0.1P-0.2L-DS

- For complete dimensions see applicable Military Specification.
- Metric dimensions (mm) are indicated in parentheses.
- Cable range is defined as the accommodations range for the wire bundle or cable.
Dimensions shown are not intended for inspection criteria.
- Approx. Chain Lengths: Dash No. 1-9 = 5.0 (127.0); Dash No. 10-46 = 6.0 (152.4)

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Environmental
Backshells

TABLE II								
Dash No.	Shell Size	E		F		Cable Range		
		Max		±.031	(.8)	Min	Max	
1	12	3.182	(80.8)	.938	(23.8)	.156	(4.0)	.250 (6.4)
2	18	3.901	(99.1)	1.062	(27.0)	.281	(7.1)	.375 (9.5)
3	18	3.932	(99.9)	1.125	(28.6)	.281	(7.1)	.375 (9.5)
4	18	3.901	(99.1)	1.062	(27.0)	.188	(4.8)	.281 (7.1)
5	18	4.177	(106.1)	1.375	(34.9)	.511	(13.0)	.605 (15.4)
6	18	4.177	(106.1)	1.375	(34.9)	.436	(11.1)	.530 (13.5)
7	20	4.489	(114.0)	1.562	(39.7)	.605	(15.4)	.699 (17.8)
8	20	4.489	(114.0)	1.562	(39.7)	.361	(9.2)	.455 (11.6)
9	20	4.306	(109.4)	1.375	(34.9)	.511	(13.0)	.605 (15.4)
10	22	4.584	(116.4)	1.688	(42.9)	.449	(11.4)	.562 (14.3)
11	22	4.306	(109.4)	1.375	(34.9)	.311	(7.9)	.405 (10.3)
12	22	4.584	(116.4)	1.688	(42.9)	.715	(18.2)	.828 (21.0)
13	24	4.647	(118.0)	1.812	(46.0)	.787	(20.0)	.900 (22.9)
14	24	4.647	(118.0)	1.812	(46.0)	.517	(13.1)	.630 (16.0)
15	24	4.647	(118.0)	1.812	(46.0)	.637	(16.2)	.750 (19.1)
16	24	4.647	(118.0)	1.812	(46.0)	.857	(21.8)	.970 (24.6)
17	24	4.542	(115.4)	1.688	(42.9)	.715	(18.2)	.828 (21.0)
18	24	4.647	(118.0)	1.812	(46.0)	.692	(17.6)	.805 (20.4)
19	28	4.896	(124.4)	2.125	(54.0)	.755	(19.2)	.880 (22.4)
20	28	4.896	(124.4)	2.125	(54.0)	.984	(25.0)	1.109 (28.2)
21	28	4.647	(118.0)	1.812	(46.0)	.637	(16.2)	.750 (19.1)
22	28	4.229	(107.4)	1.125	(28.6)	.281	(7.1)	.375 (9.5)
23	28	4.647	(118.0)	1.812	(46.0)	.857	(21.8)	.970 (24.6)
24	28	4.896	(124.4)	2.125	(54.0)	.875	(22.2)	1.000 (25.4)
25	28	4.431	(112.5)	1.375	(34.9)	.436	(11.1)	.530 (13.5)
26	28	4.647	(118.0)	1.812	(46.0)	.567	(14.4)	.680 (17.3)
27	32	4.896	(124.4)	2.125	(54.0)	.930	(23.6)	1.055 (26.8)
28	32	4.959	(126.0)	2.469	(62.7)	1.105	(28.1)	1.230 (31.2)
29	32	4.647	(118.0)	1.812	(46.0)	.637	(16.2)	.750 (19.1)
30	32	4.896	(124.4)	2.125	(54.0)	.755	(19.2)	.880 (22.4)
31	32	4.896	(124.4)	2.125	(54.0)	.984	(25.0)	1.109 (28.2)
32	32	4.647	(118.0)	1.812	(46.0)	.857	(21.8)	.970 (24.6)
33	32	4.276	(108.6)	1.125	(28.6)	.281	(7.1)	.375 (9.5)
34	32	4.431	(112.5)	1.375	(34.9)	.436	(11.1)	.530 (13.5)
35	32	4.959	(126.0)	2.469	(62.7)	1.005	(25.5)	1.130 (28.7)
36	36	4.959	(126.0)	2.469	(62.7)	1.185	(30.1)	1.310 (33.3)
37	36	4.896	(124.4)	2.125	(54.0)	.984	(25.0)	1.109 (28.2)
38	36	5.021	(127.5)	2.625	(66.7)	1.250	(31.8)	1.375 (34.9)
39	36	4.959	(126.0)	2.469	(62.7)	1.055	(26.8)	1.180 (30.0)
40	36	5.021	(127.5)	2.625	(66.7)	1.320	(33.5)	1.445 (36.7)
41	36	4.651	(118.1)	1.812	(46.0)	.857	(21.8)	.970 (24.6)
42	36	4.959	(126.0)	2.469	(62.7)	1.105	(28.1)	1.230 (31.2)
43	40	6.354	(161.4)	3.171	(80.5)	1.815	(46.1)	1.940 (49.3)
44	40	6.354	(161.4)	3.171	(80.5)	1.700	(43.2)	1.825 (46.4)
45	40	6.354	(161.4)	3.171	(80.5)	1.605	(40.8)	1.730 (43.9)
46	40	6.057	(153.8)	2.953	(75.0)	1.531	(38.9)	1.656 (42.1)

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